

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3462151
<b>Application Number:</b>	09605520
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	3937
<b>Title of Invention:</b>	Microfabricated elastomeric valve and pump systems
<b>First Named Inventor/Applicant Name:</b>	Marc A. Unger
<b>Customer Number:</b>	20350
<b>Filer:</b>	Eugene Jerome Bernard/Jenifer Weck
<b>Filer Authorized By:</b>	Eugene Jerome Bernard
<b>Attorney Docket Number:</b>	20174-000230US
<b>Receipt Date:</b>	16-JUN-2008
<b>Filing Date:</b>	27-JUN-2000
<b>Time Stamp:</b>	15:39:04
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		20174C-000230US-S-IDS.pdf	251979	yes	7
			43632ad96eaf1bd9d5b573e118bcc9b84f9d5f55		

	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Information Disclosure Statement Letter		1	2	
	Information Disclosure Statement (IDS) Filed		3	7	
Warnings:					
Information:					
2	NPL Documents	Ahn_P408_IEEE_1995.pdf	418876 2a6836fc480120b64cb21b894c0f830fed51571e	no	5
Warnings:					
Information:					
3	NPL Documents	Anderson_R_P477_Transducers_1997.pdf	368503 48a6e909bccfd72b794adced7189f07f107cf928	no	4
Warnings:					
Information:					
4	NPL Documents	Andersson_SensActA_2001_p79.pdf	323322 8a586f05318e84227a28c49f67893115cc1e1b92	no	7
Warnings:					
Information:					
5	NPL Documents	Bloomstein_P165_Mat_Res_Soc_Symp_Proc_V282_1993.pdf	431739 c8b72e0b2f30e724f40c6ee32eb8892436045eae	no	7
Warnings:					
Information:					
6	NPL Documents	Bloomstein_P202_IEEE_1991.pdf	179511 d7aedd06f01bbe8bc1e2a59ebd63abef20bf5248	no	2
Warnings:					
Information:					
7	NPL Documents	Carter_Jr_P12219_The_Journal_Of_Biological_Chemistry_V254_N23_1979.pdf	470454 7d1b68d2817d4d7fcd7a97513851cb7d96b1d726	no	5
Warnings:					
Information:					
8	NPL Documents	Carter_Jr_P60_Journal_Of_Crystal_Growth_V90_1988.pdf	909881 abee17b2b84f4348a82b30573506e117fd88ac81	no	14
Warnings:					
Information:					

9	NPL Documents	Chayen_P1269_Structure_V5_1997.pdf	542873	no	6
			0e7a315ce671f184c6ff5fa59e13b4748388db88d		
Warnings:					
Information:					
10	NPL Documents	DuCruix_P73_Crystallization_Of_Nucleic_Acids_And_Proteins_1992.pdf	1666360	no	28
			5c4333f8949b4a68f435d2d744be7cc7b0e8ca61		
Warnings:					
Information:					
11	NPL Documents	GarciaRuiz_P165_Journal_Of_Crystal_Growth_V232_2001.pdf	873117	no	8
			fc84959cc082926b1f62021eb663c800ae1c0bb6		
Warnings:					
Information:					
12	NPL Documents	GarciaRuiz_P484_Acta_Cryst_VD50_1994.pdf	820335	no	7
			9fd35d015d42863aacfa3800ece41083d3123f84		
Warnings:					
Information:					
13	NPL Documents	JuarezMartinez_P3505_Anal_Chem_V74_N14_2002.pdf	852870	no	6
			ed13cd22fc93a168269b8d96f0ca06e9233299d		
Warnings:					
Information:					
14	NPL Documents	Kamholz_P5340_Anal_Chem_V71_N23_1999.pdf	773623	no	8
			a7ac533e18b72d3cbfa1f6b7c862c0b0a262617e		
Warnings:					
Information:					
15	NPL Documents	Kane_Comp_1999_V180_P1.pdf	4265719	no	26
			5a99f3e2ff2d3589f31f536b3e016f0cb22fbd1		
Warnings:					
Information:					
16	NPL Documents	Kunz_P12_Applied_Surface_Science_V79_1994.pdf	1141383	no	13
			8bed095f08653490f18cab89fc7ad80a9193dcdd		
Warnings:					
Information:					
17	NPL Documents	JUDY_Surface-Machined_p162_IEEE_1991.pdf	347460	no	5
			77478f7ac0efd0be8a460ca6a7a6d97b18eda0a1		
Warnings:					
Information:					

18	NPL Documents	Lin_P153_Journal_Of_Crystal_Growth_V151_1995.pdf	596669 7c63834412e8e1a4fbb5b7d2abd17d8d811a339c	no	10
Warnings:					
Information:					
19	NPL Documents	LopezJaramillo_P365_J_Appl_Cryst_V34_2001.pdf	516229 e986854e4cf58221f68cc3936e662db8670c01ff	no	6
Warnings:					
Information:					
20	NPL Documents	Luft_P110_Methods_In_Enzymology_V276_1997.pdf	1211647 5cb01a8bd90835ba85a758c445041016801aec48	no	22
Warnings:					
Information:					
Total Files Size (in bytes):			16962550		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					